



DR. ÖĞR. ÇAĞLA ÇELİK ÜYESİ

Kişisel Bilgiler

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Birimi : Analitik Kimya

Dahili : -

Makaleler (YOKSIS)

- 1 A green approach for formation of silver nanoparticles on magnetic graphene oxide and highly effective antimicrobial activity and reusability**
ÖÇSOY İSMAİL, Temiz Maide, ÇELİK ÇAĞLA, altınsoy berrak, YILMAZ VEDAT, DUMAN FATİH
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- 2 Biomolecules incorporated metallic nanoparticles synthesis and their biomedical applications**
ÖÇSOY İSMAİL, TAŞDEMİR DİDAR, MAZICIOĞLU SÜMEYYE, ÇELİK ÇAĞLA, KATI AHMET, ÜLGEN FUNDA
Materials Letters, <http://dx.doi.org/10.1016/j.matlet.2017.10.068>
- 3 Building block and rapid synthesis of catecholamines-inorganic nanoflowers with their peroxidase-mimicking and antimicrobial activities**
ÇELİK ÇAĞLA, İLDİZ NİLAY, ÖÇSOY İSMAİL
Scientific Reports, <http://dx.doi.org/10.1038/s41598-020-59699-5>
- 4 Can concomitant use of zinc and curcumin with other immunity boosting nutraceuticals be the arsenal against COVID-19?**
ROY ANUPAM, SARKAR BISWATRISH, ÇELİK ÇAĞLA, GHOSH ANIMESH, BASU UTPAL, JANA MALABENDU, JANA ARUNDHATI, GENÇAY GÖKSU AYŞE, CAN SEZGİN GÜLTEN, İLDİZ NİLAY, DAM PAULAMI, MANDAL AMIT K, ÖÇSOY İSMAİL
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- 5 Can food and food supplements be deployed in the fight against the COVID 19 pandemic?**
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- 6 Dentin bond strength and antimicrobial activities of universal adhesives containing silver nanoparticles synthesized with Rosa canina extract**
EKRİKAYA SEMİHA, YILMAZ EBUBEKİR, ARSLAN SOLEY, Karaarslan Rabia, İLDİZ NİLAY, ÇELİK ÇAĞLA, ÖÇSOY İSMAİL
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- 7 Development of a Colorimetric Urease Test Based on Au NPS Capped with Anthocyanin for the Rapid Detection of Helicobacter pylori through Multiple Readouts**
CAN SEZGİN GÜLTEN, TEKİN Yakup Emre, ÇALIM Beyza, ÇELİK ÇAĞLA, ALRIFAI Wardishan, TEMUR Nimet, İLDİZ NİLAY, ÖÇSOY İSMAİL
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- 8 Dopamine and norepinephrine assistant-synthesized nanoflowers immobilized membrane with peroxidase mimic activity for efficient detection of model substrates**
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Applied Nanoscience,<http://dx.doi.org/10.1007/s13204-020-01577-7>
- 9 Formation of functional nanobiocatalysts with a novel and encouraging immobilization approach and their versatile bioanalytical applications**
ÇELİK ÇAĞLA, TAŞDEMİR DİDAR, DEMİRBAŞ AYŞE, KATI AHMET, GÜL OSMAN TOLGA, ÇİMEN BEHZAT, ÖÇSOY İSMAİL
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- 10 Gallic acid nanoflower immobilized membrane with peroxidase-like activity for m-cresol detection**
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- 11 Investigation of ellagic acid rich-berry extracts directed silver nanoparticles synthesis and their antimicrobial properties with potential mechanisms towards Enterococcus faecalis and Candida albicans**
EKRİKAYA SEMİHA, YILMAZ EBUBEKİR, ÇELİK ÇAĞLA, DEMİRBUĞA SEZER, İLDİZ NİLAY, DEMİRBAŞ AYŞE, ÖÇSOY İSMAİL
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- 12 Novel Anthocyanin-Based Colorimetric Assay for the Rapid, Sensitive, and Quantitative Detection of Helicobacter pylori**
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- 13 Preparation of natural indicator incorporated media and its logical use as a colorimetric biosensor for rapid and sensitive detection of Methicillin-resistant Staphylococcus aureus**
ÇELİK ÇAĞLA, İLDİZ NİLAY, KAYA MELİH ZEKİ, BALDEMİR KILIÇ AYŞE, ÖÇSOY İSMAİL
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- 14 Preparation of nature inspired indicator based agar for detection and identification of MRSA and MRSE**
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- 15 Rational preparation of powder anthocyanin incorporated-urease test for detection of K. pneumoniae and P.mirabilis**
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- 16 Recent Advances in Colorimetric Tests for the Detection of Infectious Diseases and Antimicrobial Resistance**
ÇELİK ÇAĞLA, KALIN ÜNÜVAR GAMZE, ÇETİNKAYA ZEKERİYA, İLDİZ NİLAY, ÖÇSOY İSMAİL

- 16 Diagnostics,<http://dx.doi.org/10.3390/diagnostics13142427>
- 17 **Red cabbage extract-mediated colorimetric sensor for swift, sensitive and economic detection of urease-positive bacteria by naked eye and Smartphone platform**
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- 18 **Synthesis of Long-Term Stable Gold Nanoparticles Benefiting from Red Raspberry (*Rubus idaeus*), Strawberry (*Fragaria ananassa*), and Blackberry (*Rubus fruticosus*) Extracts** Gold Ion Complexation and Investigation of Reaction Conditions
DEMİRBAŞ AYŞE, BÜYÜKBEZİRCİ KASIM, ÇELİK ÇAĞLA, KIŞLAKCI EMİNE, KARAAĞAÇ ZEHRA, GÖKTÜRK ERSEN, KATI AHMET, ÇİMEN BEHZAT, YILMAZ VEDAT, ÖÇSOY İSMAİL
ACS Omega,<http://dx.doi.org/10.1021/acsomega.9b02469>
- 19 **Synthesis of taurine-Cu 3(PO 4) 2 hybrid nanoflower and their peroxidase-mimic and antimicrobial properties**
YILMAZ SEVİM GÖKÇE, DEMİRBAŞ AYŞE, KARAAĞAÇ ZEHRA, DADI ŞEYMA, ÇELİK ÇAĞLA, yusufbeyoğlu sami, İLDİZ NİLAY, MANDAL AMIT K, ÇİMEN BEHZAT, ÖÇSOY İSMAİL
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- 1 **Çilek Ekstresinden Tek Basamakta Sentezlenen Gümüş Nanopartiküllerin Antimikrobiyal Özelliklerinin Endodontik Patojenler Üzerine Etkisi**
YILMAZ EBUBEKİR, DEMİRBAŞ AYŞE, ÇELİK ÇAĞLA, İLDİZ NİLAY, DEMİRBUĞA SEZER, ÖÇSOY İSMAİL
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- 2 **Çok Fonksiyonlu Nanomalzemelerin Geliştirilmesi ve Nanotıpta Potansiyel Kullanımları: Nano-biyosensörler**
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- 3 **DNA Aptamer Conjugated Gold Nanostructures For Molecular Recognition and Photothermally Destruction of Methicillin-Resistant Staphylococcus aureus**
ÖÇSOY İSMAİL, YUSUFBEYOĞLU SADİ, ÇELİK ÇAĞLA, İLDİZ NİLAY, YILMAZ VEDAT, MCLAMORE ERIC. S.
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- 4 **DNA Aptamer Functionalized Gold Nanostructures For Molecular Recognition and Photothermally Destruction of Methicillin-Resistant Staphylococcus aureus**
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- 5 **Early Diabetes Estimation with Machine Learning**
TEMUR Nimet, Ergül Yusuf Müslüm, ÇELİK ÇAĞLA, ÖÇSOY İSMAİL, AKÇAY GÜVEN
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- 6 Green synthesis of silver nanoparticles using hydrothermal approach and their enhanced antimicrobial activity towards bacterial and fungal pathogens**
ÖÇSOY İSMAİL, Demirkol Nimet, ÇELİK ÇAĞLA, ALTINKAYNAK CEVAHİR, altınsoy berrak, İLDİZ NİLAY, BALDEMİR KILIÇ AYŞE
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- 7 Investigation of Neuroprotective and Therapeutic Effects of Transcranial Direct Current Stimulation in Experimental Traumatic Brain Injury Model**
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- 8 Rational Formation of Peptides Hybrid Nanoflower with its Enzyme-Mimic and Antimicrobial Activities**
TAŞDEMİR DİDAR, ÇELİK ÇAĞLA, YUSUFBEYOĞLU SADI, İLDİZ NİLAY, AVAN İLKER, YILMAZ VEDAT, ÖÇSOY İSMAİL
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- 9 Red Cabbage (Brassicaoleracea) Extract Directed Organic-Inorganic Nanoflower and Investigation Their Enzyme Mimic and Antioxidant Activities**
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- 10 Synthesis of Catecholamine-Metal Ions Coordinated Hybrid Nanoflowers and Their Catalytic, Antioxidant and Antimicrobial Properties**
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- 11 Synthesis of organic-inorganic hybrid nanostructures from amphipathic amino acids and their antimicrobial properties**
ÇELİK ÇAĞLA, TAŞDEMİR DİDAR, ÖÇSOY İSMAİL
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- 12 The Effect of Metal Ions on the Formation of BSA Based Hybrid Nanostructures and on Their Enzyme Mimic and Antimicrobial Activities**
Arslan Öçsoy Müşerref, TAŞDEMİR DİDAR, MAZICIOĞLU SÜMEYYE, ÇELİK ÇAĞLA, İLDİZ NİLAY, YILMAZ VEDAT, ÖÇSOY İSMAİL
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- 13 Using of nanomaterials in bioanalytical applications and development of mobile app-supported colorimetric diagnostic tests**
AKÇAY GÜVEN, ÇELİK ÇAĞLA, ÖÇSOY İSMAİL
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